

# Technical Bulletin

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## Subject: **Brake Noise – Combination Lining Set For A 15”x 4” Bendix Cam Brake**

Through field reports and customer inquiries, we have been made aware of a developing pattern of brake noise on Ford vehicles equipped with the 15”x4” Bendix “S-Cam” foundation brake. The lining Ford specifies as standard original equipment is Carlisle E145A. This medium friction, non-asbestos lining was chosen by Ford based on tests they conducted, which indicated good performance and wear, when used in most types of service conditions.

Under some conditions however, the lining and parts of the brake resonate or vibrate, which produces noise. The brake drums, in this instance, act like a speaker and radiate the noise.

Working in concert with Ford, Bendix has developed a reline kit that will eliminate the undesirable noise in those types of service where it occurs. The kit, 108318, is a combination lining set and contains the material necessary to reline one axle (four brake shoes). There are four (4) pieces each of two (2) different type brake blocks contained in the kit. One piece of each type brake block is installed on a single shoe.

Beyond being irritating, the noise may also damage the foundation brake shoe retainer springs if there is sufficient exposure. For this reason, the shoe springs must be replaced when the vehicle brakes are relined to eliminate noise.

The Bendix combination lining kit along with the appropriate shoe spring kit is listed below. The part number for a Bendix unlined 15”x4” shoe is also shown for convenience, should a shoe replacement be desirable.

	Combination Lining Kit	Spring Kit	15”x4” Unlined Shoe
15”x4” brake	108318	106845	2259428

